

S1  
?t s1/9

1 PN="US 19034"

1/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
(c) 2001 EPO. All rts. reserv.

12672029

Basic Patent (No,Kind,Date): CA 2145899 AA 19951029 <No. of Patents: 008>

PATENT FAMILY:

CANADA (CA)

Patent (No,Kind,Date): CA 2145899 AA 19951029  
DISTRIBUTED COMPUTER SYSTEM (English; French)  
Patent Assignee: THOMSON CONSUMER ELECTRONICS (US)  
Author (Inventor): JOSEPH KURIACOSE (US); JESSUP ANSLEY W JR (US);  
DUREAU VINCENT (US); DELPUCH ALAIN (US)  
Priority (No,Kind,Date): US 233908 A 19940428  
Applic (No,Kind,Date): CA 2145899 A 19950330  
IPC: \* G06F-015/163  
Derwent WPI Acc No: \* G 95-368254  
Language of Document: English

CHINA (CN)

Patent (No,Kind,Date): CN 1117620 A 19960228  
A DISTRIBUTED COMPUTER SYSTEM (English)  
Patent Assignee: THOMSON CONSUMER ELECTRONICS (US)  
Author (Inventor): JOSEPH KURIACOSE (US); DUREAU ANSLEY WAYNE JESSUP  
JR (US)  
Priority (No,Kind,Date): US 233908 A 19940428  
Applic (No,Kind,Date): CN 95104730 A 19950427  
IPC: \* G06F-015/16; H04L-012/00  
Derwent WPI Acc No: \* G 95-368254  
Language of Document: Chinese

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 680185 A2 19951102  
A DISTRIBUTED COMPUTER SYSTEM. (English; French; German)  
Patent Assignee: THOMSON CONSUMER ELECTRONICS (US)  
Author (Inventor): JOSEPH KURIACOSE (US); DUREAU VINCENT (US);  
JESSUP ANSLEY WAYNE JR (US); DELPUCH ALAIN (US)  
Priority (No,Kind,Date): US 233908 A 19940428  
Applic (No,Kind,Date): EP 95105803 A 19950419  
Designated States: (National) DE; ES; FR; GB; IT  
IPC: \* H04L-029/06  
Derwent WPI Acc No: \* G 95-368254; G 95-368254  
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 680185	P	19940428	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				US 233908 A	19940428
EP 680185	P	19950419	EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
				EP 95105803 A	19950419
EP 680185	P	19951102	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
				DE ES FR GB IT	
EP 680185	P	19951102	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER	

EP 680185

P

ANMELDUNG OHNE RECHERCHENBERECHT)  
19991201 EP RAP1 APPLICANT REASSIGNMENT  
(CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))

OPENTV, INC.

JAPAN (JP)

Patent (No,Kind,Date): JP 8166925 A2 19960625  
DISTRIBUTED COMPUTER SYSTEM (English)  
Patent Assignee: THOMSON CONSUMER ELECTRONICS  
Author (Inventor): KIYURIAKOZU JIYOSUFU; ANSURI UEIN JIESATSUPU  
JIYUNI; BUINSENTO DEYURO; ARAN DERUPATSUCHI  
Priority (No,Kind,Date): US 233908 A 19940428  
Applic (No,Kind,Date): JP 9598882 A 19950424  
IPC: \* G06F-015/00; G06F-013/00  
Derwent WPI Acc No: \* G 95-368254  
Language of Document: Japanese

RUSSIA (RU)

Patent (No,Kind,Date): RU 2142158 C1 19991127  
DISTRIBUTED COMPUTER SYSTEM AND CLIENT COMPUTER FOR SUCH SYSTEM  
(English)  
Patent Assignee: TOMSON KONS JUMER EHLEKTRONIKS (US)  
Author (Inventor): DZHOZEF K JURIEHJKOZ (US); DJURO VINSENT (US);  
DZHESOP EHNSLI VEHN ( ); DELPACH EHLEJN (US)  
Priority (No,Kind,Date): US 233908 A 19940428  
Applic (No,Kind,Date): RU 95106682 A 19950425  
IPC: \* G06F-015/00; G06F-015/16  
Derwent WPI Acc No: \* G 95-368254  
Language of Document: Russian

SINGAPORE (SG)

Patent (No,Kind,Date): SG 2800257 A1 19960401  
A DISTRIBUTED COMPUTER SYSTEM (English)  
Patent Assignee: THOMSON CONSUMER ELECTRONICS  
Author (Inventor): KURIAOSE JOSEPH; ANSLEY WAYNE JESSUP JR; DUREAU  
VINCENT; DELPUCH ALAIN  
Priority (No,Kind,Date): SG 9500321 A 19950425; US 233908 A  
19940428  
Applic (No,Kind,Date): SG 9500321 A 19950425  
IPC: \* G08B; G11B; H04B; H04L; H04N; H06N  
Derwent WPI Acc No: \* G 95-368254  
Language of Document: English

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5819034 A 19981006  
APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS AS FOR  
A MULTIMEDIA SYSTEM (English)  
Patent Assignee: THOMSON CONSUMER ELECTRONICS (US)  
Author (Inventor): JOSEPH KURIAOSE (US); JESSUP JR ANSLEY WAYNE  
(US); DUREAU VINCENT (US); DELPUCH ALAIN (US)  
Priority (No,Kind,Date): US 233908 A 19940428  
Applic (No,Kind,Date): US 233908 A 19940428  
National Class: \* 395200310; 395800280; 348006000; 348007000;  
348013000; 455003100; 455003300; 455004100; 455004200; 455006100;  
455006200; 386046000; 386083000  
IPC: \* G06F-013/00  
Derwent WPI Acc No: \* G 95-368254  
Language of Document: English  
Patent (No,Kind,Date): US 5915090 A 19990622  
APPARATUS FOR TRANSMITTING A DISTRIBUTED COMPUTING APPLICATION ON A  
BROADCAST TELEVISION SYSTEM (English)  
Patent Assignee: THOMSON CONSUMER ELECTRONICS (US)  
Author (Inventor): JOSEPH KURIAOSE (US); JESSUP JR ANSLEY WAYNE  
(US); DUREAU VINCENT (US); DELPUCH ALAIN (US)

Priority (No,Kind,Date): US 819274 A 19970318; US 233908 A3  
19940428

Applic (No,Kind,Date): US 819274 A 19970318

Addnl Info: 5819034 Patented

National Class: \* 395200320; 395200300; 395200310; 395200320;  
395200330; 348011000; 348012000; 348013000; 380023000; 380025000

IPC: \* G06F-009/44

Derwent WPI Acc No: \* G 95-368254

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5819034 P 19940428 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))

US 5819034 P 19940428 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
THOMSON CONSUMER ELECTRONICS, INC. 10330  
NORTH MERIDIAN STREET INDIANAPOLIS, IND ;  
JOSEPH, KURIACOSE : 19940420; JESSUP, ANSSLEY  
WAYNE JR. : 19940420; DUREAU, VINCENT :  
19940418; DELPUCH, ALAIN : 19940418

US 5819034 P 19981006 US A PATENT

US 5819034 P 20001205 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
20000927

US 5819034 P 20011030 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
20010710

US 5915090 P 19940428 US AA PRIORITY

US 5915090 P 19970318 US AE APPLICATION DATA (PATENT)

(APPL. DATA (PATENT))  
US 819274 A 19970318

US 5915090 P 19990622 US A PATENT

Laufer 5819034

?us5819034/pn

Term not in index/PN-LITA : US5819034

LGST	1
CRXX	1
LITA	0
PAST	2

\*\* SS 1 : Results 4

Search statement 2

?prt ssl max 1-4

1/4 LGST (1/1) - (C) LEGSTAT  
PN - US 5819034 [US5819034]  
AP - US 233908/94 19940428 [1994US-0233908]  
DT - US-P  
ACT - 19940428 US/AE-A  
APPLICATION DATA (PATENT)  
{US 233908/94 19940428 [1994US-0233908]}  
- 19940428 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
THOMSON CONSUMER ELECTRONICS, INC. 10330 NORTH MERIDIAN STREET  
INDIANAPOLIS, IND \* JOSEPH, KURIACOSE : 19940420; JESSUP, ANSSLEY  
WAYNE JR. : 19940420; DUREAU, VINCENT : 19940418; DELPUCH, ALAIN :  
19940418  
- 19981006 US/A  
PATENT  
- 20001205 US/RF  
REISSUE APPLICATION FILED  
20000927  
- 20011030 US/RF  
REISSUE APPLICATION FILED  
20010710  
UP - 2001-44

2/4 CRXX (1/1) - (C) CLAIMS/RRX  
AN - 3051968  
PN - 5,819,034 A 19981006 [US5819034]  
PA - Thomson Consumer Electronics Inc  
PT - E (Electrical)  
ACT - 19990927 REASSIGNED  
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: THOMSON CONSUMER ELECTRONICS, INC. DATE SIGNED: 06/28/1999

Assignee: OPENTV, INC. 401 EAST MIDDLEFIELD ROAD MOUNTAIN VIEW,  
CALIFORNIA 94043

Reel 010263/Frame 0580

Contact: RITTER, VAN PELT & YI LLP SUSAN C. YI 4906 EL CAMINO REAL  
SUITE 205 LOS ALTOS, CA 94022

Shirelle Green EIC 2100

Laufer 5819034

- 20000927 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20001205  
REISSUE REQUEST NUMBER: 09/672523  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2783

Reissue Patent Number:

- 20010710 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20011030  
REISSUE REQUEST NUMBER: 09/903091  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2783

Reissue Patent Number:

- 20010710 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20011030  
REISSUE REQUEST NUMBER: 09/903458  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2783

Reissue Patent Number:

UP - 2000-49  
UACT- 2001-10-30  
URAS- 2000-12-26

u 3/4 PAST (1/2) - (C) PAST

AN - 200144-001724  
PN - 5819034 A [US5819034]  
DT - A (UTILITY)  
OG - 2001-10-30  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

4/4 PAST (2/2) - (C) PAST

AN - 200049-001075  
PN - 5819034 A [US5819034]  
DT - A (UTILITY)  
OG - 2000-12-05  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

Shirelle Green EIC 2100

5,819,034

<=2> GET 1st DRAWING SHEET OF 3

Oct. 6, 1998

Apparatus for transmitting and receiving executable  
applications as for a multimedia system

REISSUE: Reissue Application filed Jul. 10, 2001 (O.G. Oct. 30, 2001) Ex. Gp.:  
2783; Re. S.N. 09/903,458

Reissue Application filed Jul. 10, 2001 (O.G. Oct. 30, 2001) Ex. Gp.: 2783;  
Re. S.N. 09/903,091

Reissue Application filed Sep. 27, 2000 (O.G. Dec. 5, 2000) Ex. Gp.: 2783;  
Re. S.N. 09/672,523

CORE TERMS: computer, packet, stream, module, computing, distributed, server,  
auxiliary, user, coupled...

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: ALL**

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

5,819,034 OR 5819034

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: JNLS**



Copyright 2000 Omega Communications, Inc.  
Intellectual Property Today

November, 2000

SECTION: Pg. 32

LENGTH: 2637 words

HEADLINE: Down to Business;  
The Uncertain Fate of Business Method Patents in Sobering Times

BYLINE: BY LAWRENCE B. EBERT n1

n1 The opinions are those of the author and not of any employer, past, present or future. The author may be reached at ebert@prodigy.net, ebert@lawyer.com, or at (609)-514-5951.

BODY:

... television commerce. Craig P. Opperman, OpenTV's chief intellectual property officer [CIPO] was quoted: 'We believe the U.S. patent ( 5,819,034) clearly describes single interaction shopping in client/server and interactive television environments.'

Pertinent text of the '034 (filed ...

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

Copyright 2000 Phillips Business Information, Inc.  
CableFAX's Pay-TV Today

October 6, 2000

SECTION: Vol. 1, No. 103

LENGTH: 165 words

HEADLINE: OpenTV patents US 'One Click' interactive shopping

BODY:

... click' shopping and set-top  
box storage of personal information to facilitate television commerce.

"We believe our US patent number 5,819,034 clearly describes single  
interaction shopping in client/server and interactive television environments,"  
said Craig Opperman, OpenTV's ...

Copyright 2000 Business Wire, Inc.  
Business Wire

October 5, 2000, Thursday

DISTRIBUTION: Business Editors

LENGTH: 788 words

HEADLINE: OpenTV Files to Broaden Early Patent to Claim 'One Click' Shopping Rights; Leading Interactive TV & Media Solutions Company Files for Fundamental Patent Rights to One Click' Shopping

DATELINE: MOUNTAIN VIEW, Calif., Oct. 5, 2000

... one click' shopping and set-top box storage of personal information to facilitate television commerce.

"We believe the U.S. patent ( 5,819,034) clearly describes single interaction shopping in client/server and interactive television environments," said Craig P. Opperman, ...

Copyright 2000 M2 Communications Ltd.  
M2 PRESSWIRE

October 5, 2000

LENGTH: 1292 words

HEADLINE: OPENTV

OpenTV files to broaden early patent to claim 'one click' shopping rights;  
Leading interactive TV and media solutions company files for fundamental patent  
rights to 'one click' shopping

DATELINE: London

BODY:

... one click' shopping and set-top box storage of personal information to  
facilitate television commerce.

"We believe the U.S. patent ( 5,819,034) clearly describes single  
interaction shopping in client/server and interactive television environments,"  
said Craig P. Opperman, ...

Copyright 2000 Post-Newsweek Business Information, Inc.  
Newsbytes

October 5, 2000, Thursday

LENGTH: 637 words

HEADLINE: OpenTV Claims It Invented "One-Click Shopping" In 1994

BYLINE: Steven Bonisteel; Newsbytes

DATELINE: MOUNTAIN VIEW, CALIFORNIA, U.S.A.

BODY:

... Opperman, the company's chief intellectual property officer, told Newsbytes that, in asking the USPTO to re-issue its patent No. 5,819,034, OpenTV will be staking a stronger claim to the speedy approach to online shopping. In effect, he said, the company will be " ...

Copyright 2000 Financial Times Information  
All rights reserved  
Global News Wire  
Copyright 2000 VNU Business Publications Ltd.  
Newswire (VNU)

October 5, 2000

FT-ACC-NO: A200010081BED-BD-WR

LENGTH: 346 words

HEADLINE: OPENTV JOINS AMAZON PATENT BATTLE INTERACTIVE TV SOFTWARE VENDOR  
OPENTV HAS MARCHED INTO A LONG RUNNING PATENT BATTLE BETWEEN AMAZON.COM AND  
BARNES AND NOBLE OVER ONE-CLICK SHOPPING, CLAIMING THAT IT WAS THE FIRST TO  
PATENT THE TECHNOLOGY.

BODY:

... officer at OpenTV, said: "In our view, one-click shopping is very useful  
to interactive television. We believe the US Patent ( 5819034) clearly  
describes single interaction shopping in client/server and interactive  
television environments." "Amazon could be precluded from using its patent ...